

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 751  | (702/22,23).CCLS.  | US-PGPUB; USPAT                                     | OR               | OFF     | 2005/09/17 17:21 |
| L2    | 773  | (702/24,25,27).CCLS.   | US-PGPUB; USPAT                                     | OR               | OFF     | 2005/09/17 17:23 |
| L3    | 781  | (702/28,30-32).CCLS.   | US-PGPUB; USPAT                                     | OR               | OFF     | 2005/09/17 17:25 |
| L4    | 981  | (702/50,52,53,55,57).CCLS.   | US-PGPUB; USPAT                                     | OR               | OFF     | 2005/09/17 17:28 |
| L5    | 1064 | (702/64-66).CCLS.  | US-PGPUB; USPAT                                     | OR               | OFF     | 2005/09/17 17:28 |
| L6    | 487  | (702/179).CCLS.  | US-PGPUB; USPAT                                     | OR               | OFF     | 2005/09/17 17:31 |
| L7    | 836  | (702/183).CCLS.  | US-PGPUB; USPAT                                     | OR               | OFF     | 2005/09/17 17:32 |
| L8    | 307  | (702/184).CCLS.  | US-PGPUB; USPAT                                     | OR               | OFF     | 2005/09/17 17:35 |
| L9    | 554  | (324/439).CCLS.  | US-PGPUB; USPAT                                     | OR               | OFF     | 2005/09/17 17:38 |
| L10   | 899  | (324/442,444,446,691,693).CCLS.  | US-PGPUB; USPAT                                     | OR               | OFF     | 2005/09/17 17:42 |
| L11   | 1504 | (701/29,30).CCLS.  | US-PGPUB; USPAT                                     | OR               | OFF     | 2005/09/17 17:43 |
| L12   | 2    | impedance adj spectroscopy and fluid adj monitoring and @pd>"20050415"   | US-PGPUB; USPAT                                     | OR               | ON      | 2005/09/17 17:47 |
| L13   | 1    | (monitor\$3 test\$3) adj2 (substance fluid liquid) same (graph\$3 plot\$4) with (spectra spectrum) and @pd>"20050415"  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR               | ON      | 2005/09/17 17:49 |
| L14   | 5    | (monitor\$3 test\$3) adj2 (substance fluid liquid) and electrode with (substance fluid liquid) same voltage with frequency and @pd>"20050415"                        | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR               | ON      | 2005/09/17 17:50 |
| L15   | 2    | (monitor\$3 test\$3) adj2 (substance fluid liquid) and electrode with (substance fluid liquid) same (combined complex plurality) adj (plot graph) and @pd>"20050415" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR               | ON      | 2005/09/17 17:52 |
| L16   | 4    | (monitor\$3 test\$3) adj2 (substance fluid liquid) and (combined complex plurality) adj (plot graph) and @pd>"20050415"  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR               | ON      | 2005/09/17 17:53 |
| L17   | 6    | (monitor\$3 test\$3) adj2 (substance fluid liquid) and voltage with frequency same (graph plot) and @pd>"20050415"   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR               | ON      | 2005/09/17 17:53 |
| L18   | 12   | spectral adj matrix and @pd>"20050415"   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR               | ON      | 2005/09/17 17:55 |

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| L19 | 1  | principal adj component adj analysis and regression adj plot and @pd>"20050415"  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/17 17:56 |
| L20 | 12 | (monitor\$3 test\$3) adj2 (substance fluid liquid) and result adj matrix and @pd>"20050415"  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/17 17:56 |
| L21 | 1  | (monitor\$3 test\$3) adj2 (substance fluid liquid) and matrix with known adj (quantity parameter value condition) and @pd>"20050415"     | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/17 17:57 |
| L22 | 2  | (monitor\$3 test\$3) adj2 (substance fluid liquid) and prediction adj equation and @pd>"20050415"  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/17 18:05 |
| L23 | 1  | (monitor\$3 test\$3) adj2 (substance fluid liquid) and resistive adj impedance and reactive adj impedance and @pd>"20050415"             | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/17 17:58 |
| L24 | 21 | (monitor\$3 test\$3) adj2 (substance fluid liquid) and electrode with (substance fluid liquid) and current adj sensor and @pd>"20050415" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/17 17:59 |
| L25 | 2  | (monitor\$3 test\$3) adj2 (substance fluid liquid) and information adj library and @pd>"20050415"  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/17 17:59 |
| L26 | 1  | (monitor\$3 test\$3) adj2 (substance fluid liquid) and reference adj library and @pd>"20050415"  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/17 18:00 |
| L27 | 4  | (monitor\$3 test\$3) adj2 (substance fluid liquid) and information adj database and spectra and @pd>"20050415"                           | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/17 18:01 |
| L28 | 6  | (monitor\$3 test\$3) adj2 (substance fluid liquid) and reference adj database and @pd>"20050415"   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/17 18:05 |
| L29 | 1  | (monitor\$3 test\$3) adj2 (substance fluid liquid) and (library database) with prediction adj equation                                   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/17 18:04 |

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| L30 | 1  | (monitor\$3 test\$3) adj2 (substance fluid liquid) and Bode adj plot with (resistive reactive) adj impedance and @pd>"20050415" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/17 18:06 |
| L31 | 3  | (monitor\$3 test\$3) adj2 (substance fluid liquid) and Bode adj plot with impedance and @pd>"20050415"                          | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/17 18:07 |
| L32 | 2  | (monitor\$3 test\$3) adj2 (substance fluid liquid) and imaginary adj impedance and real adj impedance and @pd>"20050415"        | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/17 18:07 |
| L33 | 11 | impedance adj spectroscopy and current adj sensor and @pd>"20050415"  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/17 18:12 |
| L34 | 1  | impedance adj spectroscopy and resistive adj impedance and reactive adj impedance and @pd>"20050415"                            | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/17 18:13 |
| L35 | 1  | impedance adj spectroscopy and real adj impedance and imaginary adj impedance and @pd>"20050415"                                | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/17 18:15 |
| L36 | 1  | impedance adj spectroscopy and Nyquist adj plot and bulk adj region and interfacial adj region                                  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/17 18:15 |
| L37 | 1  | impedance adj spectroscopy and bulk adj region and interfacial adj region   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/17 18:15 |
| L38 | 1  | bulk adj region and interfacial adj region and @pd>"20050415"   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/17 18:16 |
| L39 | 6  | (monitor\$3 test\$3) adj2 (substance fluid liquid) and bulk same interfacial and @pd>"20050415"                                 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/17 18:16 |
| L40 | 1  | (creat\$3 generat\$3) adj second adj plot with assign\$3 with x-value   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/17 18:17 |

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| L41 | 1 | (creat\$3 generat\$3) adj (third fourth plurality) adj plot with assign\$3 with x-value       | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/17 18:17 |
| L42 | 6 | (monitor\$3 test\$3) adj2 (substance fluid liquid) and Nyquist adj plot and @pd>"20050415"    | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/17 18:18 |
| L43 | 1 | (monitor\$3 test\$3) adj2 (substance fluid liquid) and Nyquist same matrix and @pd>"20050415" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/17 18:20 |
| L44 | 1 | Nyquist same matrix and impedance adj spectroscopy and @pd>"20050415"                         | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/17 18:20 |
| L45 | 3 | plot and convert with frequency with wavelength and @pd>"20050415"                            | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/17 18:21 |